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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/993,866	11/05/2001	Seiji Hamada	JP20000342US1	8302
24852	7590	05/07/2004	EXAMINER	
INTERNATIONAL BUSINESS MACHINES CORP IP LAW 555 BAILEY AVENUE, J46/G4 SAN JOSE, CA 95141			GOOD JOHNSON, MOTILEWA	
			ART UNIT	PAPER NUMBER
			2672	6

DATE MAILED: 05/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/993,866

Applicant(s)

HAMADA ET AL.

Examiner

Motilewa A. Good-Johnson

Art Unit

2672

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 11 March 2004.
2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19 is/are pending in the application.
4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) 1-19 is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application (PTO-152)
6) ☐ Other: _____.

DETAILED ACTION

1. This office action is responsive to the following communication: Application, filed 11/05/2001; Request for reconsideration, filed 03/11/2004.

This action is made final.

2. Claims 1-19 are pending in this application. Claims 1, 8 and 14 are independent claims. No claims have yet been amended.
3. The present title of this application is "Data Display System, Data Display Method, Computer System and Computer Program Product" (as originally filed).

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-19 are rejected under 35 U.S.C. 102(b) as being anticipated by Marshall et al., U.S. Patent Number 6,101,493, "Method and System for Displaying Related Information from a Database", class 707/3.

As per independent claim 1, a computer system comprising: a display device having a display area on a display screen thereof, (Marshall discloses a display device, col. 2, lines 2, lines 62-67) wherein, out of target data to be displayed in said display area, one or multiple first data sets, the contents of which are actually displayed, and

one or multiple first predetermined displays, which represent one or more multiple first data groups of the target data . . . (Marshall discloses the display device has a plurality of display area each area from an associated table within a database, col. 2, lines 62-67)

With respect to dependent claim 2, first data sets and first said data groups are sorted in the ascending order or in the descending order, and said first data sets and said first predetermined displays are presented in sorting orders thereof. (Marshall discloses the first set of records are retrieved from the database, sorted and then displayed, col. 8, lines 20-26)

With respect to dependent claim 3, first data sets include the first and the last data of said target data. (Marshall discloses the first display are displays the first information area of the data with a list box less that it maximum size and indicating the number of entries in the list box containing the target information, col. 5, lines 17-31)

With respect to dependent claim 4, operation of selecting said first predetermined displays, one or multiple second data sets, the contents of which are actually display, and one or multiple second predetermined displays . . . are presented together . . . (Marshall discloses interlinking display areas with related information having a first display are, second and third display area and selecting in any area modifies the other areas, col. 5, lines 7-16)

With respect to dependent claim 5, first predetermined displays and said second predetermined displays are correlated with the first data rows and the number of data rows of said first data groups and said second data groups, respectively. (Marshall

discloses the first display area having, i.e. correlated with, a first display of a first type of data and a second display are displaying a second type of data in multiple rows and columns, col. 3, lines 11-31)

With respect to dependent claim 6, selection of said first data sets or said second data sets is a data entry operation. (Marshall discloses selection of one or more entries by a point device, list boxes drop down, or a key, therefore performing a data entry operation, col. 7, lines 1-21)

With respect to dependent claim 7, target data is recorded in a different computer system connected to said computer system via communication means . . . not transmitted from said different computer system . . . (Marshall discloses the data is obtained from tables in a database associated with the computer system, col. 3, lines 46-59, thus making it inherent that the data may be retrieved from a different computer)

As per independent claim 8, a data display method . . . comprising the steps of: identifying first data sets, which are included in said target data to be displayed in said display area and the contents . . . ; (Marshall discloses a first set of records are retrieved from a database, col. 8, lines 15-24) identifying first data groups, which are included in said target data other than said first data sets . . . ; (Marshall discloses a key used to represent the user selection in the database associated with a list box, col. 8, lines 1-30) reading said first data sets from a recording area wherein said target data is stored and . . . ; (Marshall discloses displaying the list box for the total records counted and updated the list box with a total number of records retrieved, col. 8, lines 28-39) and

presenting first predetermined displays . . . (Marshall discloses a first predetermined display, figure 1, element 116)

With respect to dependent claim 9, selecting said first predetermined displays; identifying second data sets, which are included in said first data groups and the contents of which are actually . . . ; (Marshall discloses a second set of records retrieved from the table in the database, col. 9, lines 14-15) identifying second data groups, which are included in said target data other than said first data sets and the contents of which are not displayed . . . ; (Marshall discloses sorting the second set of records with a list box, and displaying the list box, col. 9, lines 14-33) reading said first data sets from a recording area . . . ; (Marshall discloses retrieved records from a database table, which indicates a recording area) and presenting second predetermined display . . . (Marshall discloses the display of the second set of selected records, col. 9, lines 16-17)

With respect to dependent claim 10 and 11, they are rejected based upon similar rational as above claims 2 and 5 respectively.

With respect to dependent claim 12, first or second predetermined displays that represent said first or second data groups respectively are presented and a reading pointer for said target data is skipped by the number . . . of data rows of said first or second data groups . . . (Marshall discloses a user selected record is identified and the other list boxes are modified to visually indicate those records related to the first data group respectively, col. 9, lines 35-52)

With respect to dependent claim 13, reading and displaying step is repeated until all said target data are displayed in said display area. (Marshall discloses readable

code for determining a selection, obtaining a key, notifying the other area of the key and updating the entries in the other display area to visually distinguish entries with the key from those not associated with the key, col. 3, line 60 – col. 4, line 8)

As per independent claim 14 and dependent claims 15-17, see above rejection for claims 8, 9, 11 and 12 respectively. (Marshall discloses the above implemented in a system, col. 2, lines 49-61)

As per independent claim 18 and dependent claim 19, see claim 8 and 9 respectively. (Marshall discloses the above can be implement as a computer readable medium, col. 2, lines 49-61)

Response to Arguments

6. Applicant's arguments filed 03/11/2004 have been fully considered but they are not persuasive.

7. In response to applicant's argument that the references fail to show certain features of applicant's invention, it is noted that the features upon which applicant relies (i.e., predetermined display as identifying one or more predetermined abridged forms of data and that data are displayed in full while other data blocks of data are abridged or abbreviated) are not recited in the rejected claim(s). Although the claims are interpreted in light of the specification, limitations from the specification are not read into the claims. See *In re Van Geuns*, 988 F.2d 1181, 26 USPQ2d 1057 (Fed. Cir. 1993).

Conclusion

8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Motilewa A. Good-Johnson whose telephone number is (703) 305-3939. The examiner can normally be reached on Monday - Friday 8:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mike Razavi can be reached on (703) 305-4713. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9314.

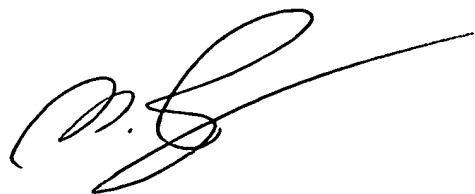
Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 306-0377.

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Motilewa A. Good-Johnson
Examiner
Art Unit 2672

mgj

A handwritten signature in black ink, appearing to read 'M. Razavi', with a long horizontal stroke extending to the right.

MICHAEL RAZAVI
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2600